The Testcenter facility ‘LoRa® Test Lab’ within IMST GmbH is recognized by the LoRa™ Alliance for testing in accordance to the LoRaWAN™ Specification V1.0.2

Report for Certification by Similarity according to LoRaWAN™ V1.0.2

for the Device

“CMi4110Ext“

for the Customer

“Elvaco AB“

Jens Lerner
Yavuz Turan

23th June, 2021
Administrative Summary

Location: IMST GmbH, Test Centre, Kamp-Lintfort, Germany
Responsible Test Engineer: Yavuz Turan, Jens Lerner
Subject: Test of requirements for Certification by Similarity according to LoRaWAN™ Specification V1.0.2

Company and Contact Information:
Elvaco AB
Andréas Johansson
Kabelgatan 2T
43437 Kungsbacka
Sweden
Checked Device: CM4110Ext
Hardware version: 2B
Firmware version: 1.0.7
Type and Version of used Stack: Stackforce, 4.4 Version
Original End-device identifier: CM4110Int
LoRa Device Class: A
LoRaWAN Specification version: V1.0.2
Certification requirements: LoRa End Device Certification by Similarity V1.1
Frequency band(s): 868 MHz
Type of Certification by Similarity:
Case 3: Certification of an end-device variant from a certified end-device

Variant device differences to the referenced certified device:
- Same LoRa transceiver
- Same LoRa protocol SW version
- Same MCU Core
- Same Clock design and implementation

Brief description of the differences between the primary and the variant device
Using external antenna instead of internal antenna

Date: 23rd June, 2021

The Test Report, No. 6210470 has the following conclusion:

The device fulfils the requirements.

Responsibility: 
Yavuz Turan
Test Engineer

Approved: 
Jens Lerner
Quality Engineer

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